

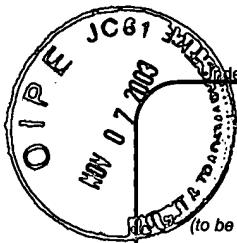
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PTO/SB/21 (01-03)

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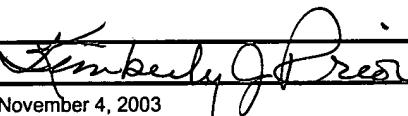
TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/634,397
		Filing Date	August 5, 2003
		First Named Inventor	Andres, et al.
		Art Unit	
		Examiner Name	
Total Number of Pages in This Submission		Attorney Docket Number	21334

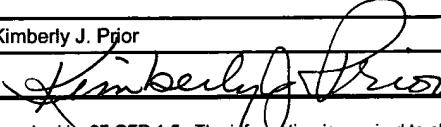
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Remarks			
-References B1 to B3 and C1 to C64			

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Kimberly J. Prior
Signature	
Date	November 4, 2003

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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application

Inventors: Andres, et al.

Serial No. 10/634,397, filed August 5, 2003
(Ref. No. 21334)

For: **NEMATODE SCREENING ASSAY**

INFORMATION DISCLOSURE STATEMENT

Nutley, New Jersey 07110
November 4, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, applicants respectfully direct the Examiner's attention to the documents listed on enclosed Form PTO-1449.

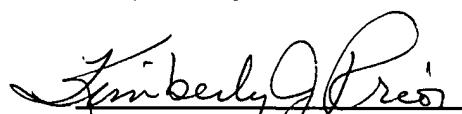
Documents B1 to B3, and C1 to C64 listed on Form PTO-1449 are enclosed. A copy of document A1 is not enclosed as it is a U.S. patent.

Consideration of all the documents cited on Form PTO-1449 is requested.

Serial No. 10/634,397
Filed: August 5, 2003

Since the Information Disclosure Statement is submitted before the mailing of the first Office Action on the merits or within three months of the filing date for the above application, no fee is due.

Respectfully submitted,



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Enclosures

135799



<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p>			Complete if Known	
			Application Number	10/634,397
			Filing Date	August 5, 2003
			First Name Inventor	Andres, et al.
Sheet 1	of 3	Attorney Docket Number	21334	

U.S. PATENT DOCUMENTS

Examiner Initials'	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited document MM-DD-YYYY
		Number	Kind Code ² (if known)		
A1		4,399,216		Axel, et al.	08/16/1983

FOREIGN PATENT DOCUMENTS

Examiner Initials'	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁴
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
B1		EP	1192856		SmithKline Beecham Corp.	04/03/2002	
B2		WO	00/63427		DEVGEN NV	10/26/2000	
B3		WO	01/88532		DEVGEN NV	11/22/2001	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials'	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
C1		Mombaerts, P. (2001) Annu. Rev. Genomics Hum. Genet, 2, pgs. 493-510	
C2		Lindemann, Nature Vol. 413, pgs. 219-225 (2001)	
C3		Heck et al., Science, Vol. 223, pgs. 403-405 (1984)	
C4		Kinnamon et al., Proc. Natl. Acad. Sci. USA Vol. 85, pgs. 7023-7027 (1988)	
C5		Chaudhari & Roper, Ann. NY Acad. Sci. Vol. 855, pgs. 398-406 (1998)	
C6		Wong et al., Nature Vol. 381, pgs. 796-800 (1996)	
C7		Chaudhari et al., Nat. Neurosci. Vol. 3, pgs. 113-119 (2000)	
C8		Max et al., Nat. Genet. Vol. 28, pgs. 58-63 (2001)	
C9		Montmayeur et al., Nat. Neurosci. Vol. 4 pgs. 492-498 (2001)	
C10		Nelson et al., Cell, Vol. 106, pgs. 381-390 (2001)	
C11		Sainz et al., J. Neurochem. Vol. 77, pgs. 896-903 (2001)	
C12		Nelson et al., Nature, Vol. 416, pgs. 199-202 (2002)	
C13		Adler et al., Cell, Vol. 100, pgs. 693-702 (2000)	
C14		Chandrashekhar et al., Cell, Vol. 100, pgs. 703-711 (2000)	
C15		Matsunami et al., Nature, Vol. 404, pgs. 601-604 (2000)	
C16		Caicedo & Roper (2001) Science Vol. 291, pgs. 1557-1560	
C17		Mombaerts, Science, Vol. 286, pgs. 707-711 (1999)	
C18		Buck, Cell, Vol. 100, pgs. 611-618 (2000)	
C19		Rodriguez et al. (2000) Nature Genetics Vol. 26, pgs. 18-19	
C20		Buck L. & Axel, R. (1991) Cell, Vol. 65, pgs. 175-187	
C21		Raming K. et al. (1993) Nature, Vol. 361, pgs. 353-356	

Examiner Signature		Date Considered	
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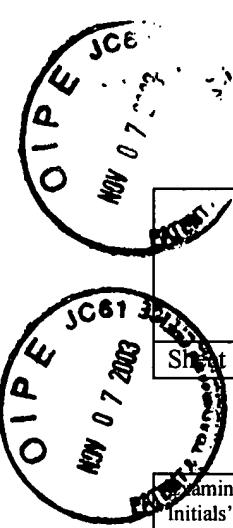
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			Filing Date	August 5, 2003	
			First Name Inventor	Andres, et al.	
Sheet	2	of	3	Attorney Docket Number	21334

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	C22	Krautwurst, D. et al. (1998) Cell, Vol. 95, pgs. 917-926	
	C23	Wetzel, C. H. et al. (1999) J. Neurosci. Vol. 19, pgs. 7426-7433	
	C24	Gimelbrant, A. et al. (2001) J. Biol. Chem. Vol. 276, pgs. 7285-7290	
	C25	Murrell, J. R. et al. (1999) J. Neurosci. Vol. 19, pgs. 8260-8270	
	C26	McClintock, T. S., et al. (1997) Mol. Brain Res. Vol. 48, pgs. 270-278	
	C27	Gimelbrant, A. et al. (1999) J. Neuro. Chem. Vol. 72, pgs. 2301-2311	
	C28	Mori, I. (1999) Annu. Rev. Genet. Vol. 33, pgs. 399-422	
	C29	Riddle, C. Science Vol. 282, pgs. 2012-2018 (1998)	
	C30	Sulston, W. B. (ed) <i>The Nematode Caenorhabditis elegans</i> , Cold Spring Harbor Lab Press, Cold Spring Harbor NY pgs. 123-155 (1988)	
	C31	Goldberg, et al. (1996) Cell, Vol. 84, pgs. 875-887	
	C32	Roayaie K. et al. (1998) Neuron Vol. 20, pgs. 55-67	
	C33	Gibson, A. D. et al. (2000) Annu. Rev. Neurosci. Vol. 23, pgs. 417-439	
	C34	Wellerdieck, et al. (1997) Chem. Senses Vol. 22, pgs. 467-476	
	C35	Zhang Y, et al. (1997) Proc. Natl. Acad. Sci. USA Vol. 94, pgs. 12162-12167	
	C36	Dwyer, N. D. et al. (1998) Cell, Vol. 93, pgs. 455-466	
	C37	Berke, J. D. et al. (2001) Neuron Vol. 32, pgs. 277-287	
	C38	Troemel et al. (1997) Cell, Vol. 91, pgs. 161-169	
	C39	Jansen G. et al. (1999) Nature Genetics Vol. 21 pgs. 414-419	
	C40	Yu, S. et al. PNAS Vol. 94, pgs. 3384-3387 (1997)	
	C41	Troemel, E. R. et al., (1995) Cell Vol. 83, pgs. 207-218	
	C42	Heijne, Nucleic Acids Research Vol. 14, pgs. 4683-4690 (1986)	
	C43	Fire A. et al., Gene Vol. 93, pgs. 189-198 (1990)	
	C44	Mello et al., EMBO J. Vol. 10, pgs. 3959-3970 (1991)	
	C45	Cohen, S. N., Proc. Natl. Acad. Sci. (USA) Vol. 69, pg. 2110-2114 (1972)	
	C46	Mandel et al., J. Mol. Biol. Vol. 53(1), pgs. 159-162 (1970)	
	C47	Graham et al., Virology Vol. 52 pgs. 456-467 (1973)	
	C48	Coqueret, O., Gene Vol. 299, pgs. 35-55 (2002)	
	C49	Praitis et al., Genetics Vol. 157, pgs. 1217-26 (2001)	
	C50	Maduro, Genetics, Vol. 141, pgs. 977-88 (1995)	
	C51	Ellenberg, Trends in Cell Biol. Vol. 9(2) pgs. 52-56 (1999)	
	C52	Chalfie et al., Science Vol. 263(5148) pgs. 802-05 (1994)	
	C53	Sheng M., Kim E. (2000) J. Cell. Sci. Vol. 113, pgs. 1851-56	
	C54	Tajima et al. J. of Bioscience & Bioengineering Vol. 91, pgs. 322-324 (2001)	



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/634,397
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Sheet	3	of	3	Attorney Docket Number	21334

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	C55	Wicks et al., Developmental Biology Vol. 221 pgs. 295-307 (2000)	
	C56	Jansen et al. EMBO J. Vol. 21, pgs. 986-994 (2002)	
	C57	Venette et al. (1998) Soil Biology & Biochemistry Vol. 30, pgs. 949-960	
	C58	Cesareni et al. Comb. Chem. High Throughput Screen. 2(1) pgs. 1-17 (1999)	
	C59	Li et al. (2002) Proc. Natl. Acad. Sci. USA 99 pgs. 4692-4696	
	C60	Brenner, Genetics Vol. 77 pgs. 71-94 (1974)	
	C61	Bargmann et al., Cell, Vol. 74 pgs. 515-527 (1993)	
	C62	Zhao et al, Science Vol. 279 pgs. 327-342 (1998)	
	C63	Ananeda et al. Nature Neuroscience Vol. 3 No. 12 pgs. 1248-1255 (2000)	
	C64	Bargmann, Chemotoxics and Thermotoxics, In Riddle, Blumenthal, Meyer, and Priess (eds), C. Elegans II, Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY pgs. 717-737 (1997)	
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